

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.0065	mm/mm	ASTM D 955
Mold Shrinkage, TD	0.009	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	6400	MPa	ASTM D 638
Tensile Strength	75	MPa	ASTM D 638
Flexural Modulus	5600	MPa	ASTM D 790
Flexural Strength	120	MPa	ASTM D 790
Rockwell Hardness	R 115	-	ASTM D 785

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Coefficient of Thermal Expansion, MD	40	E-6/K	ASTM D 696
DTUL @ 66 psi	200	°C	ASTM D 648
DTUL @ 264 psi	115	°C	ASTM D 648
Melting Temperature	222	°C	ASTM D 3418

Electrical properties	Value	Unit	Test Standard
ASTM Data			
Dielectric Strength, Short Time	21	kV/mm	ASTM D 149
Dissipation Factor, 1 MHz	0.02	-	ASTM D 150
Dielectric Constant, 1 MHz	3.6	-	ASTM D 150
Volume Resistivity	1E14	Ohm*cm	ASTM D 257

Other properties	Value	Unit	Test Standard
Water Absorption, 24hr	1.1	%	ASTM D 570
Density	1380	kg/m³	ASTM D 792

Characteristics

Applications

Automotive, Electrical and Electronical

Regional Availability

North America, Asia Pacific